

ATTORNEY DOCKET NO.
069116.0169
(PA 09 0022 C)

PATENT APPLICATION
09/692,885

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Kenneth R. Owens, et al.
Serial No.: 09/692,885
Filing Date: October 20, 2000
Group Art Unit: 2616
Confirmation No.: 6112
Examiner: Warner Wong
Title: METHOD AND APPARATUS FOR DETECTING
 MPLS NETWORK FAILURES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Applicant respectfully requests, pursuant to 37 C.F.R. §§1.56, 1.97, and 1.98, that the documents listed on the attached Form PTO-1449 be considered and cited in the examination of the above-identified application. Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), Applicant makes no representation that these documents qualify as prior art or that these documents are material to patentability of the present application or that a search has been made.

REMARKS

Applicant submits this Information Disclosure Statement and the attached Form PTO 1449 in support of the accompanying Request for Continued Examination being submitted jointly herewith.

The attached documents S-O as submitted include an original version of a draft document and subsequent versions having sequential updates from the original version. For convenience of the Examiner, the submitted documents each show the differences between one version and a next version of the draft document for each sequential update.

The attached document N is a later version of a March 2000 document that is not readily available.

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CONCLUSION

Early and favorable consideration of the documents cited herein is respectfully requested.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicant

A handwritten signature in dark ink, appearing to read "Charles S. Fish", is written over the typed name.

Charles S. Fish
Reg. No. 35,870

May 2, 2007

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Customer Number: 05073

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| PTO-1449 | Application No. 09/692,885 | | Applicant(s) Kenneth R. Owens, et al. | |
| | Docket Number 069116.0169 | Group Art Unit 2661 | Filing Date 10/20/2000 | |

**Information Disclosure Citation
In an Application**

U.S. PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|--|---|--------------|----------|------------------|-------|----------|-------------|
| | A | 5,241,534 | 08/31/93 | Omuro, et al. | | | |
| | B | 5,450,578 | 09/12/95 | Mackenthun | | | |
| | C | 5,771,227 | 06/23/98 | Benayoun, et al. | | | |
| | D | 5,838,924 | 11/17/98 | Anderson, et al. | | | |
| | E | 5,991,300 | 11/23/99 | Tappan | | | |
| | F | 6,055,561 | 04/25/00 | Feldman, et al. | | | |
| | G | 6,065,061 | 05/16/00 | Blahut, et al. | | | |
| | H | 6,111,858 | 08/29/00 | Greaves, et al. | | | |
| | I | 6,590,893 | 07/2003 | Hwang, et al. | | | |
| | J | 6,813,242 | 11/2004 | Haskin, et al. | | | |
| | K | 6,879,594 | 04/2005 | Lee, et al. | | | |
| | L | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| | | DOCUMENT (Including Author, Title, Source, and Pertinent Pages) | DATE |
|--|---|---|---------|
| | S | Haskin, et al. "A Method for Setting an Alternative Label Switched Paths to Handle Fast Reroute", http://toos.ietf.org/html/draft-haskin-mpls-fast-reroute-00.txt , June 1999, 10 pages. | 06/1999 |
| | T | Haskin, et al. "A Method for Setting an Alternative Label Switched Paths to Handle Fast Reroute", http://toos.ietf.org/html/draft-haskin-mpls-fast-reroute-01.txt , June 1999, 9 pages. | 06/1999 |
| | U | Haskin, et al. "A Method for Setting an Alternative Label Switched Paths to Handle Fast Reroute", http://toos.ietf.org/html/draft-haskin-mpls-fast-reroute-02.txt , December 1999, 5 pages. | 12/1999 |

EXAMINER

DATE CONSIDERED

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| | A | | | | | | |
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| | | DOCUMENT (Including Author, Title, Source, and Pertinent Pages) | DATE |
|--|---|---|---------|
| | N | Haskin, et al., "A Method for Setting an Alternative Label Switched Paths to Handle Fast Reroute", http://toos.ietf.org/html/draft-haskin-mpls-fast-reroute-03.txt , March 2000, 7 pages. | 03/2000 |
| | O | Haskin, et al., "A Method for Setting an Alternative Label Switched Paths to Handle Fast Reroute", http://toos.ietf.org/html/draft-haskin-mpls-fast-reroute-04.txt , May 2000, 7 pages. | 05/2000 |
| | P | Rosen et al., "Multiprotocol Label Switching Architecture" draft-ietf-mpls-arch-06.txt, http://www3.ietf.org/proceedings/99nov/I-D/draft-ietf-mpls-arch-06.txt , August 1999, 49 pages. | 08/1999 |
| | Q | Callon, et al., "A Framework for Multiprotocol Label Switching" <draft-ietf-mpls-framework-05.txt>, http://www3.ietf.org/proceedings/99nov/I-D/draft-ietf-mpls-framework-05.txt , September 1999, 64 pages. | 09/1999 |
| | R | Awduche, et al., "Requirements for Traffic Engineering Over MPLS", http://delivery.acm.org/10.1145/rfc_fulltext/RFC2702/rfc2702.txt?key1=RFC2702&key2=0334318711&c... , September 1999, 26 pages | 09/1999 |
| | S | Anderson, et al., "LDP Specification" draft-ietf-mpls-ldp-06.txt, http://www3.ietf.org/proceedings/99nov/I-D/draft-ietf-mpls-ldp-06.txt , October 1999, 95 pages | 10/1999 |
| | T | Jamoussi, Bilel, "Constraint-Based LSP Setup Using LDP" draft-ietf-mpls-cr-ldp-03.txt, http://www3.ietf.org/proceedings/99nov/I-D/draft-ietf-mpls-cr-ldp-03.txt , September 1999, 34 pages | 09/1999 |

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| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|---|--------------|------|------|-------|----------|-------------|
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| | A | | | | | | |
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| | | DOCUMENT (Including Author, Title, Source, and Pertinent Pages) | DATE |
|--|---|--|---------|
| | L | Braden, et al., RFC 2205 (RFC2205), "RFC 2205 - Resource ReSerVation Protocol (RSVP) -- Version 1 Functional Specification". http://www.faqs.org/rfcs/rfc2205.html , September 1997, 74 pages. | 09/1997 |
| | M | Awuche, et al., "Extensions to RSVP for LSP Tunnels", draft-ietf-mpls-rsvp-lsp-tunnel-04.txt, http://www3.ietf.org/proceedings/99nov/I-D/draft-ietf-mpls-rsvp-lsp-tunnel-04.txt , September 1999, 37 pages | 09/1999 |
| | N | Owens, et al., "Network Survivability Considerations for Traffic Engineered IP Networks", draft-owens-te-network-survivability-01.txt, http://www3.ietf.org/proceedings/02mar/I-D/draft-owens-te-network-survivability-01.txt , July 2001, 15 pages | 07/2001 |
| | O | Sharma, et al., "Framework for MPLS-based Recovery", <draft-ietf-mpls-recovery-fmwrk-00.txt>, http://tools.ietf.org/html/draft-ietf-mpls-recovery-fmwrk-00 , September 2000, 30 pages. | 09/2000 |
| | P | Huang, et al., "A Path Protection/Restoration Mechanism for MPLS Networks", <draft-chang-mpls-path-protection-00.txt>, http://tools.ietf.org/html/draft-chang-mpls-path-protection-00 , March 2000 15 pages. | 03/2000 |
| | Q | Huang, et al., "Extensions to RSVP-TE for MPLS Path Protection", <draft-chang-mpls-rsvpte-path-protection-ext-00.txt>, http://tools.ietf.org/html/draft-chang-mpls-rsvpte-path-protection-00 , June 2000, 10 pages. | 06/2000 |

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| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. U.S. PATENT AND TRADEMARK OFFICE |
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| | L | | | | | | | |

| | | DOCUMENT (Including Author, Title, Source, and Pertinent Pages) | DATE |
|--|---|---|---------|
| | M | "Synchronous Optical Network (SONET) Transport Systems: Common Generic Criteria", Document No. GR-253, Issue Number 04; Issue Date December 2005, http://telecom-info.telcordia.com/site-cgi/ido/docs2.pl?ID=169750223&page=idosearch&docnum=GR-253 , 20 pages. | 12/2005 |
| | N | "SONET Dual-Fed Unidirectional Path Switched Ring (UPSR) Equipment Generic Criteria", GR-1400-CORE, Issue 2, January 1999, SONET UPSR Equipment Generic Criteria Contents, 5 pages | 01/1999 |
| | O | "SONET Bidirectional Line-Switched Ring Equipment Generic Criteria", GR-1230-CORE, Issue 4, December 1998, SONET BLSR Equipment Generic Criteria Contents, 7 pages. | 12/1998 |
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